	i	PATENT	
--	---	--------	--

Sheet of 4 SERIAL NO. ATTY. DOCKET NO. U.S. DEPARTMENT OF COMMERCE **FORM PTO-1449** PATENT AND TRADEMARK OF THE 19189IA 08/525,870 PLICANT(S) INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary . DORN, ET AL. ANG DATE **GROUP ART UNIT** ep 8, 1995 U.S. PATENT DOCUMENTS **EXAMINER** DOCUMENT FILING DATE IF CLASS DATE NAME SUBCLASS INITIAL NUMBER APPROPRIATE 2,943,022 6/28/60 SIEMER, ET AL. (I) 167 65 3.005.818 10/24/61 SIEMER, ET AL. (II) 260 247.2 260 243 3,458,509 7/29/69 LEVINE, ET AL. 260 294.7 <del>3;500,673</del> 4/14/70 <del>WARAWA, ET AL.</del> 11/17/70 HERLINGER, ET AL 260 243 <del>3,541,090</del> 424 4,010,288 3/1/77 MCLOUGHLIN, ET AL. 248.4 4.360.519 11/23/82 WHITE, ET AL. 424 248.55 71 11/10/87 BUSCHMANN, ET AL. 76 <del>4.705.553</del> <del>4,782,054</del> <del>11/1/88</del> REGNIER, ET AL. 514 235.2 7/24/90 514 252 4,943,578 NAYLOR, ET AL. 5,064,838 11/12/91 CARR, ET AL. 514 <del>317</del> FOREIGN PATENT DOCUMENTS TRANSLATION **DOCUMENT EXAMINER** DATE COUNTRY CLASS SUBCLASS INITIAL NUMBER YES NO **EPO** 0-360-390 3/28/90 **EPO** 0 436 334 7/10/91 0 499 313 8/19/92 **EPO** 2/24/93 EPO 0 528 495 **EPO** <del>0-533-280</del> 3/24/93 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Siemer, et al., "Analgesic 1-phenyl-2,3 dimethyl-4-morpholinomethyl-3 pyrazolin 5 ones", Chem. Abstracts, 56, (6), p. 5977 (1962) Sinkula, et al., "Rationale for Design of Biologically Reversible Drug Derivatives: Prodrugs", J. Pharm. Sciences, 64 (2), pp. 181-210 (1975) Svensson, "Prodrugs: metabolism-based drug design". Pharmaceutisch Weekblad, 122, pp. 245-250, (1987) **EXAMINER** DATE CONSIDERED 02/50/97 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to

the applicant.

								PATENT		
								Sheet 2	of .	4
FORM PTO-14	49	U.S. I	DEPARTMENT OF CO	MMERCE	ATTY. DOCKET NO.		i	AL NO.		
11.500	4 4 A TIO	PAIL	OCUPE OTA	MAZ	19189IA		08/5	25,870		
INFOH (U	MATIO se seve	IN DISCE	OSURE STATEM	ENI	APPLICANT(S) SP. DORN, ET AL.					
			TREE.		Sep 8, 1995		GROU	JP ART UNIT	<u> </u>	
				O.S. PA	TENT DOCUMENTS	•				
EXAMINER INITIAL		OCUMENT NUMBER	DATE	-	NAME	C	LASS	SUBCLASS	FILING I	DATE IF
	5,09	5,021	3/10/92	ZIPPLI	ES, ET AL.	16	7	65		_
		-								
	<u> </u>									_
										-,
						·				
				<u> </u>						
	<u> </u>							<u> </u>		
	<del></del>			PATEN	TOOCUMENTS					
EXAMINER INITIAL	D D	OCUMENT NUMBER	DATE	;	COUNTRY	C	ZLASS	SUBCLASS	YES	LATION NO
	2,534,915		4/27/84	FRAN	<del>E</del>					
·	WO 90/05525		5 5/31/90	WIPO						
	wo	90/0572	5/31/90	WIPO	· · · · · · · · · · · · · · · · · · ·					h i
	wo	91/1889	9 12/12/91	WIPO						
<u> </u>	wo !	<del>92/0167</del>	2/6/92	WIPO						
				(Includir	ng Author, Title, Date, Per	tinent P	ages.	Etc.)		
							<u></u>			
				<del></del>						
						<del> </del>				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

DATE CONSIDERED

02-30-97

EXAMINER TOYOU D, Higel

3							PATENT		
ا في المر					- <b>(3)</b> i			~4	4
				LATTY DOOKET NO	<del></del>			<u> </u>	4
FORM PTO-144	9 U.S. DEPAI PATENT AI	RTMENT OF CO	MMERGE	ATTY, DOCKET NO.		SERIA 08/52	25,870		
INFORI	MATION DISCLOSU	JRE STATEM	ENT S	APPLICANT(S)		00/02	-0,070		
	se several sheets if r		التجر ا	· IX		•			
		13		FILING DATE		GROL	IP ART UNIT	9 /	
	•		CMARK OF	Sep 8, 1995			//	10/	
			U.S. PA	TENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	С	ASS	SUBCLASS	FILING D	PRIATE
			]						
	·					_			
				·					
_									
					<u> </u>				
		FOREIGN	PATEN	T DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		COUNTRY	C	LASS	SUBCLASS	TRANS	LATION NO
	WO 92/06079	4/16/92	WIPO						
	WO 92/12128	7/23/92	WIPO						
Ć	WO 92/12151	7/23/92	WIPO						
-	WO 92/12152	7/23/92	WIPO						<u> </u>
	WO 94/00440	1/6/94	WIPO						
	<u> </u>	J		an Author Title Date De	rtinont D		5to \		
	OTHER	JOCOMEN IS	(includit	ng Author, Title, Date, Pe	nineni Pa	ages, I	EIC.)		
		· · · · · · · · · · · · · · · · · · ·							
			<del></del>		<del> ,</del>		***		

EXAMINER TOURS AND ALEXAND DATE CONSIDERED

12-30-1997

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<b>4</b> m² <b>*</b>			Sheet <u>4</u> of <u>4</u>
FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	ATTY, DOCKET NO.	BERIAL NO.
	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	\$189DA	08/525,870
	ON DISCLOSURE STATEMENT	APPLICATION (S)	
(Use sev	veral sheets if necessary)	P. DOBN, ET AL.	
		TING DEFE	GROUP ART UNIT
		9/8/95	
	OTHER DOCUMENTS (Including	Author, Title, Date, Perti	nent Pages. Etc.)
/	Advenier, et al., "Neurokinin	A (NK2) Receptor Revisit	led with SR 48968", Biochem. and
	Biophys Res Comm, 184(	<del>3), pp.1410*1424 (1332)</del>	
ALL	Balant, et al., "Prodrugs for ti	ne improvement of drug a	absorption via different routes of
7911	administration.", Eur. J. Drug	Metab: Pharmaco., 15(2	e), pp. 143-153, (1990).
7-1	Bodar et al "Novel Approac	ches in Prodrug Design".	Drugs Future, VI(3), pp. 165-182
GSW	(1981).		
	Dundanand Webs dauble and	days concept, and the ans	plications" Adv Drug Delivey Rev. 3
TAM!	Bundgaard, "The double pro	noring concept, and its ap-	plications", Adv. Drug Delivey Rev., 3
-1109			
· ·	Edmonds-Alt, et al., "A Pote	ont and Selective Non-Pe	ptideAntagonist of the Neurokinin A
	(NK2) Receptor", Life Scien	ces., 50, pp. 1 E101-1 E1	00 (1992).
	Fressard, et al., "Tachykinin	Receptors and the Airwa	ys", <u>Life Sciences., 49, pp. 1941-1953,</u>
	(1991).		
	Guthrie et al. "The Use of I	Periodate exidised Glyco	sides in the Robinson-Schopf",
	J. Chem. Society. Vol C(1),		
	Howson, et al., "An SAR Stu	idy for the Non-Pentide S	Substance P. Becentor. "
	Biorganie & Medicinal Chem	sistry Letters, 2(6), pp. 55	9-564, (1992)
	Lowe, et al., "The Discovery methyl]", J. Med. Chem.	<del>-01 (25,35) cis 2 (Diphor</del>	<del>lylmethyl)-N-[(2-methoxyphenly)</del>
<u> </u>	McGormick, *Properties of P	eriodate Oxidised Polyse	echarides", Part VII",
	J. Chem Society, C(23), pp.	<del>-2121-27, (19</del> 66).	
*	Montgomery, et al., "2-Fluro	purine Ribonucleosides"	, J. Med. Chem., 13(3), pp. 421-7
	<del>(1970).</del>		
	Power et al "Substance P	Recognition by a Subse	t of Human T Lymphocytes",
	J. Clin. Invest., 74, 1532-15		Por Harram Faying Hooy too
	Peyronel, et al., Synthesis of Antagonist", Biorganic and	Med Chem Lett 2(1) 5	ent Nonpeptide Substance P
	Antagonist , Biorganic and		p.o. 10, (100s).
EXAMINER	= 0 0 4/ 10	DATE CONSIDERED	- 97
the	Tyd D. Hyel	102-20-	
EXAMINER: I	Initial if reference considered, whether or	not citation is in conforma	nce with MPEP § 609; Draw line
through citati	ion if not in conformance and not consid	ered. Include copy of this	s form with next communication to
the applicant.			